

REMARKS

The Examiner is thanked for carefully reviewing the present application. The present amendment is in response to the Office Action mailed on January 24, 2006 regarding claims 1-20. The applicants have thoroughly reviewed the outstanding Office Action including the Examiner's remarks and the references cited therein. The following remarks are believed to be fully responsive to the Office Action and render all claims at issue patentably distinguishable over cited references.

Favorable reconsideration is requested in view of the following remarks.

Claims 1-20 are amended, and thereof claims 1-20 are now pending in the application. These amendments contain no new matter nor raise new issues.

Claim Rejections under 35 U.S.C. §102

1. Claims 1-5 and 7-18 are rejected under 35 U.S.C. 102(b) as being anticipated by Marola (2,897,022) (hereinafter referred to as "Marola"). These rejections are respectfully traversed. As will be fully explained below, it is respectfully submitted that Marola does not anticipate the claimed features of the present application, and the applicants respectfully request that the section 102(b) rejections be withdrawn.

As recited in the amended claims 1, 9 and 14, the present application is directed to

a motor assembly, comprising: two motors each including a shaft; two bearing sleeves each formed with at least one groove and respectively disposed in the two motors, wherein each bearing sleeve is coupled to the shaft through at least one bearing; a connector having a first end and an **opposed** second end, the first end and the second end each formed with at least one groove; a first elastic fastener fit into the groove of the connector at the first end and received in the groove formed on one of the two bearing sleeve; and a second elastic fastener fit into the groove of the connector at the second end and received in the groove formed on the other bearing sleeve. In claim 9, the elastic fasteners are ring-shaped elastic fasteners, each of which has an inner edge fit into the groove formed on the connector and an outer edge received in the groove formed on the bearing sleeves. In claim 14, the connector is directly formed on one bearing sleeve as a connection part, and one elastic fastener is used.

In the claimed inventions recited in claims 1, 9 and 14, the bearing sleeves are respectively disposed in the two motors and are inherent parts of the motors for respectively covering the bearings of the motors, wherein each bearing sleeve. In the claimed inventions, two separate motors are coupled through the connection of the bearing sleeves inherently formed in the motors, one or two elastic fasteners and/or a connector. In claims 1 and 9, the inner edges of the elastic fasteners are fit into the grooves formed at opposite ends of the connector, and the outer edges of elastic fasteners are received in the grooves of the two bearing sleeves. In claim 14, the two motors are coupled by the bearing sleeves, elastic fastener and the connection part integrally formed on one of the bearing sleeves.

In Marola, a cam follower bearing assembly is disclosed, the cam follower bearing assembly comprises a stud shaft 7 forming an inner raceway 9, an outer race 11 surrounding the shaft 7, antifriction members 10 between the outer race 11 and shaft 7, a washer 13 fitted to each end of the outer race 11, a peripheral groove in the shaft 7 opposite each washer 13, a resilient split ring 20 carried by each groove 15/16 and engaging the adjacent washer 13, such as shown in FIG. 1. The stud shaft 7, the screw threaded end 8 and the inner raceway 9 are different portions of the same shaft, the shaft is attached to a base by the screw threaded end 8, and the stud shaft 7 are connected with the rollers 10, so that the structure shown in FIG. 1 disclosed by Marola is a single roller but not a motor assembly composed of a plurality of motors.

The stud shaft 7, which forms an inner raceway 9, is a part of a single roller, and the two washers 13 are respectively fitted to the grooves formed at the stud shaft 7 in the single roller, such as shown in FIG. 1 disclosed by Marola. The structure shown in FIGs. 1-6 disclosed by Marola is a portion of a single roller structure but not an assembly composed of two coupling motors, and the two washers 13 both are fitted to the one single roller. However, in the claimed inventions of the present application, the two bearing sleeves of the assembly are inherent parts of the two motors. Furthermore, it is known by a person skilled in the art that the washer is a kind of auxiliary component using between two members in connecting to increase the connection intensity of the two members, and the bearing sleeve is a kind of cover for covering the bearing of the motor therein. It is obvious that the washer is not used to cover a bearing, and the washer cannot substitute the bearing sleeve in the motor of the claimed inventions. Additionally, according to the full

description in Marola, there is no suggestion or teaching about that the two washers 13 are respectively deposited in two motors completely. On the contrary, the application of Marola relates to improvements in a shaft mounting for a washer which prevents the latter from rotation relative to the shaft, and the washers 13 are fitted to the one single shaft 7, such as shown in FIG. 1. Apparently, the structure described by Marola is entirely different from that of the present application, and the technique disclosed by Marola cannot achieve the effect of the claimed inventions.

Therefore, Marola fails to disclose or anticipate the technique features of claims 1, 9 and 14, and the claims 1, 9 and 14 are allowable.

Since claims 1, 9 and 14 are allowable, dependent claims 2-5 and 7-8 each of which depends from independent claim 1, dependent claims 10-13 each of which depends from independent claim 9, and dependent claims 15-18 each of which depends from independent claim 14 are likewise believed to be allowable. Accordingly, the applicants respectfully request that the section 102(b) rejections be reconsidered and withdrawn.

Claim Rejections under 35 U.S.C. §103

1. Claims 6, 19 and 20 are rejected under 35 U.S.C.103(a) as being unpatentable over Marola. These rejections are respectfully traversed. As is fully explained above, it is respectfully submitted that Marola does not render the claimed invention obvious, and the applicants respectfully request that the section 103(a)

rejection be withdrawn.

Just as the aforementioned description, since the independent claims 1 and 14 are allowable, the dependent claim 6 depending from independent claim 1, and the dependent claims 19 and 20 each of which depends from the independent claim 14 are likewise believed to be allowable. Accordingly, the applicants respectfully request that the section 103(a) rejections be reconsidered and withdrawn.

Comments of the Examiner in the Telephone interview

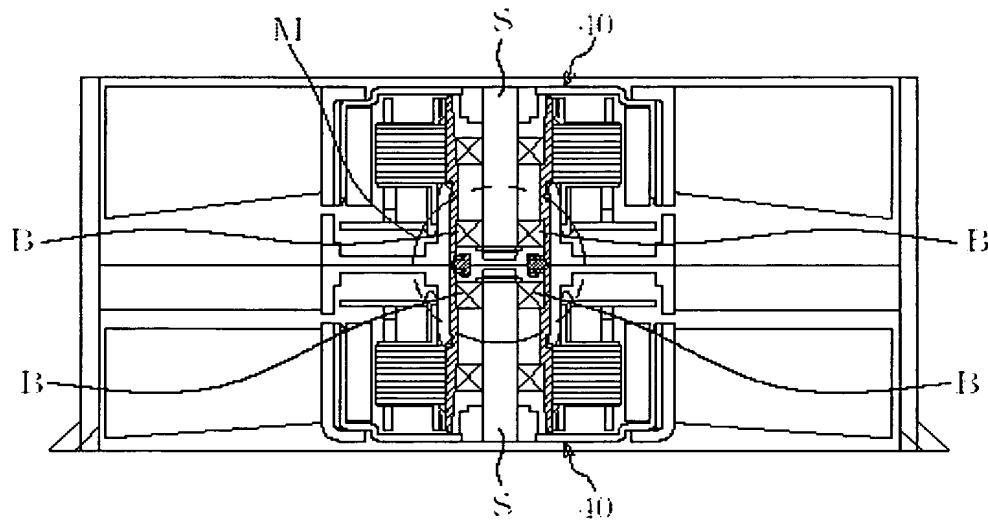
The Examiner is thanked for carefully considering the arguments filed by the applicants. The applicants have thoroughly reviewed the comments of the Examiner. The following explanation is believed to be fully responsive to the comments.

The applicants have amended claims 1-20 according to the comments. In the amendment, the applicants amend the titles of the independent claims 1, 9 and 14 as “A motor assembly”.

In the claimed inventions, each of the motors 40 includes a shaft S, and each bearing sleeve 12 is coupled to the shaft S through at least one bearing B, as shown in the following drawing, wherein the drawing is similar to the drawing illustrated in FIG. 4A of the present application, and the only difference of the two drawings is the bearings B and the shafts S of two motors 40 not being labeled in FIG. 4A. Accordingly, the applicants have amended claims to clearly describe the structural

relation between the bearing sleeves 12, the bearings B and the shafts S of the two motors 40 according to the drawings of the present application. Therefore, in the amended claims, more structural description of the bearing sleeves in the motors has been given.

It is believed that the aforementioned explanation be fully responsive to the comments of the Examiner.

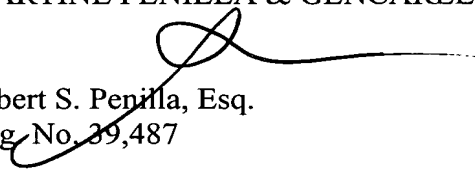


Conclusion

In light of the above remarks, Applicants respectfully submit that Claims 1-20 as currently presented are in condition for allowance and hereby requests reconsideration. Applicants respectfully request the Examiner to pass the case to issue at the earliest convenience.

If the Examiner has any questions concerning the present amendment, the Examiner is kindly requested to contact the undersigned at (408) 749-6903. If any other fees are due in connection with filing this amendment, the Commissioner is also authorized to charge Deposit Account No. 50-0805 (Order No. JLINP177/TLC). A duplicate copy of the transmittal is enclosed for this purpose.

Respectfully submitted,
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